TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a span of from [illegible] to 12 feet, at a price not exceeding [illegible] for weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses no scorching occurs; its NON-TRANSPARENCY and strength render it eminently suitable for the Glazing of Manufactories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 8 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 2, 1851.

DOOR SPRINGS.—T. R. BODMER begs to direct the attention of Architects, Builders, and others, to his Registered TORSIONAL DOOR SPRINGS, which are the most efficient and simple in action, neat in appearance, and capable of being adjusted to suit any door.—Sole agents for London, Messrs. DEANE, DRAY, and CO., London-bridge.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO., 65, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gates and doors of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought-iron work, for building and other purposes. Engines, machinery, patent axletrees, sugar-mills, &c.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of strong wrought-iron, so as [illegible] to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES." LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and DOORS, for Strong Rooms, Plate Closets, and Party-walls, &c., of best make, and possessing all the most recent improvements, are the best depositories for property of every description on the world; fire-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the much approved ventilating and Down-draught-preventing CHIMNEY-POT. This desirable article is found to be the most effectual cure for smoky Chimneys ever put before the public, and is adapted to every style of Architecture.

A large assortment on hand at LEADBEATER'S MANUFACTORY, 125, ALDERSGATE-STREET, CITY of LONDON; where Prospectuses may be had.

LEADBEATER, many years Manufacturer for Chubb.

FOUNDRY AND IRON WORKS, DRURY-LANE, and CHARLES-STREET, DRURY-LANE. GLOVER, BROS., [illegible] the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, [illegible] structural or ornamental.

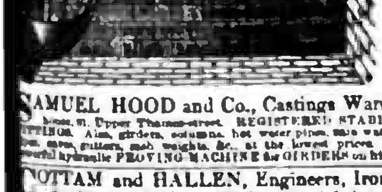
Patterns of Girders, Columns, Balconies, Railing, Ornamental [illegible] and Park Gates, Lamp and Street Posts, Tanks, Pipes, [illegible] Pistons, Lathes, and Steam-engines; Range and Hot-plate [illegible]. An improved Boot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O G Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Garden, &c.

Plain and Ornamental Vases 30 per cent. cheaper than Terra-cotta.

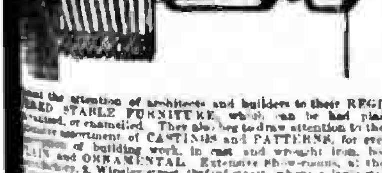
Estimates given for Iron Buildings, Wrought-iron Roofing, [illegible], Staircases, Wrought-iron Girders, Fireproof Doors, Iron safes and Strong Rooms, Tanks and Boilers, and every description of ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS, 168, DRURY-LANE, and CHARLES-STREET.



SAMUEL HOOD and Co., Castings Warehouse, 31, Upper Thames-street. REGISTERED STABLE FITTINGS. Also, girders, columns, hot water pipes, rain water pipes, eaves gutters, sash weights, &c., at the lowest prices. A powerful hydraulic PROVING MACHINE for GIRDERS on hire.

COTTAM and HALLEN, Engineers, Iron-founders, and Smiths, 2, Winsley-street, Oxford-street, London.



[illegible] the attention of architects and builders to their REGISTERED STABLE FURNITURE, which can be had plain, [illegible], or enamelled. They also beg to draw attention to their [illegible] assortment of CASTINGS and PATTERNS, for every [illegible] of building work, in cast and wrought iron, both PLAIN and ORNAMENTAL. Extensive Show-rooms, at their Manufactory, 2, Winsley-street, Oxford-street, where a large stock of [illegible] for furnishing and building purposes may be seen. ESTIMATES on APPLICATION, or by post.

THE celebrated and best Swiss MATHEMATICAL INSTRUMENTS SOLD at low prices, by J. STEINERT, 20, Jewry-street, Aldgate.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

G. H. BUCK, 122, Edgware-road, Paddington, begs to inform the above trades that he has purchased the business and premises of R. NELSON, Plane, Saw, and General Tool Manufacturer, where G. H. B. continues to carry on the said business, and begs to invite attention to his stock of well-seasoned planes of every description. G. H. B. has also a great variety of lathes and lathe apparatus suitable for amateurs. Orders from the country will be punctually attended to, and lists of prices sent on application post free. Clubs, saw mills, and factories supplied at wholesale prices.—Terms, cash.

BLAKE and PARKIN, MEADOW WORKS, SHEFFIELD.

Manufacturers of Circular and Mill saws; Improved Cast-steel Files, for the use of engineers and machinists; patent tempered machine knives and cutters, manufactured for planing and grooving wood, for cutting paper, iron, stone, leather, &c., made to any pattern or dimensions with the utmost exactness. Warranted to work with a harder and finer edge than any other mode of temper.—Inventors of cementation cast steel for taps, punches, dies, &c.—Manufacturers of railway springs, blister, shear and cast steel, &c. &c.

C. PARKIN, Agent, [illegible]

CHURCH and TURRET BELLS cast to any weight, and tuned. Ship, plantation, house, sheep, cup, and clock bells of any size.

MUSICAL HAND BELLS

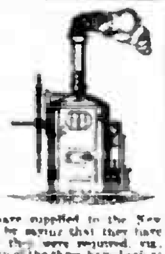
Tuned to the chromatic scale, with improved clappers, and pegged on a new system, which gives a superior tone and facility for ringing.

Memorial Brasses, Pulpit Lights, and Brackets, &c.

Old Bells recast or taken in exchange.

J. WARNER and SONS, BELL FOUNDERS, ENGINEERS, &c.

A SAVING of TIME and MATERIALS with solidity of building.



NATHAN GOUGH'S PATENT PORTABLE STEAM-ENGINES of 2, 3, 4, and 6-horse power, for grinding mortar, raising building materials, driving saws, circular saws, pumps, &c., 46, Albert-street, Manchester.

TESTIMONIAL from Charles Barry, Esq.

32, Great George-street, Westminster, London, Oct. 27, 1849.

Mr. Nathan Gough.

Sir,—I have, for Mr. Barry, the pleasure of replying to your request of the 4th inst., for a testimonial of the working of three steam-engines you have supplied to the New Houses of Parliament at Westminster, by saying that they have fully answered the purposes for which they were required, viz., hoisting the building materials; and two of the three have been at work for some years with very little repairs, and with considerable economy of fuel.—I am, Sir, your obedient servant,

Per pro. CHARLES BARRY, ALFRED MEESON.

REVOLVING SAFETY WOOD and IRON SHUTTERS, SNOXELL, Patentee, [illegible]-street, and at his Steam-works, 120, Old-street. These shutters have fully borne out their superiority over other revolving shutters for security, durability, and simplicity. References can be given to noblemen whose mansions are fitted herewith, and numerous large establishments, where some are fixed measuring upwards of [illegible] square feet in one shutter, and which are opened and closed in a few moments with the greatest possible ease, without the use of machinery. The Patentee manufactures Brass Sash Bars, Stall Board Plates, &c.

REVOLVING SHUTTERS.—CLARK and Co. invite the attention of architects and builders to their improvements in REVOLVING SHUTTERS of IRON or WOOD. Having completed new and improved machinery for the manufacture of revolving shutters, they are enabled to offer a superior article at a reduced price. Manufacturers of improved DRAWN ORNAMENTAL METALLIC SASH BARS, brass mouldings, stall-board plates, door-plates, &c. Engravings in the first style of workmanship.—Messrs. C. and Co. having fixed some hundreds, will feel a pleasure in forwarding the testimonials of architects and others having them in use, on application. Steam engines, saw benches, and machinery of every description, and iron-work connected with buildings, planing, boring, and turning.—CLARK and Co., Engineers, Tunnel Iron Works, Wapping, London.—City Office and Show Room, 31, Chancery-lane.

BUNNETT and Co., ENGINEERS, Patentees and Manufacturers of REVOLVING IRON AND WOOD SAFETY SHUTTERS, and of ORNAMENTAL SASH BARS, MOULDINGS, STALL-PLATES, &c. FOR SHOP-FRONTS, AND OTHER WINDOWS, OR SKYLIGHTS, IN BRASS, COPPER, ZINC, IRON, &c.

Shop-fronts completely fitted up and glazed with best plate glass. Metal work and improved machinery of all kinds for a [illegible] banking-houses, &c.

BUNNETT and Co. challenge competition as to either quality or price.

Office, 26, Lombard-street, London; Works, Deptford, Kent.

B. and Co. are also Patentees and Manufacturers of Improved Bench and Flooring Cramps for Builders, Wrought-iron Plate Gratings, doubly-trapped self-acting Water Closets, and self-acting and self-cleansing Effluvia Traps, for Sewers, Drains, &c. &c.

IRON HURDLES.—Great Reduction.—For Sheep, 6 ft. long, 3 ft. above ground, 5 or 6 bars, [illegible] each. For Cattle, [illegible] 3 ft. 6 in. ditto, [illegible] each. Strained Wire Fence, 3 ft. 6 in. ditto, [illegible] wires, standards 8 ft. apart [illegible] per yard. Ditto, with Extra Strong Standards [illegible] per yard. Wire netting for excluding hares, rabbits, poultry, &c., of various widths, 1d. per square foot and upwards; wrought and cast-iron palisading, gates, and ornamental garden fences of every variety; [illegible] bedsteads with iron frame and [illegible], [illegible] and regulating screw, [illegible] each; [illegible] of best construction, in table framing, and [illegible], [illegible] to cut sixteen bushels per hour, [illegible]; [illegible] stable pumps, &c. Wrought-iron wire harrows, &c.

STEPHENSON and PHILL, 61, [illegible], City; and at the Manufactory, 17, New Park-street, Southwark.

GLASS.—JAMES PHILLIPS and CO.'s FOREIGN SHEET GLASS, of very superior quality, packed in cases containing 200 feet, and of sizes varying from [illegible] by [illegible], at [illegible] per case; [illegible] of sizes, from [illegible] per foot upwards. Glass Tiles and Slates. Lists of prices and [illegible], and sent home free of carriage, at [illegible] per foot.

N.B. DEPOT FOR HARTLEY'S PATENT ROUGH PLATE GLASS.—116, Bishopsgate-street, Without.

SASH GLAZING.—A. ADAMSON, [illegible] street, [illegible]-square, begs to acquaint Builders and the Trade, he is Glazing sashes with CROWN or SHEET GLASS, at 3d. per foot and up. Every description of Glass cut to size and in crates, may be had at the very lowest remunerating prices. [illegible]

PATENT and BRITISH PLATE GLASS.—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application. They will also, on receipt of [illegible], furnish Estimates for any description of Glass now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 35, Soho-square, London.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for glazing, of unrivalled quality and finish. ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest prices. Designs and estimates furnished for ornamental windows either for house or church decoration. All applications for estimates and list of prices to be made at their warehouse, 315, OXFORD-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED [illegible] begs to inform Architects, Builders, and the trade generally, that he is prepared to forward estimates for the following descriptions of [illegible], applications:—BRITISH PLATE GLASS, of the best colour and finish; PATENT PLATE GLASS; ORNAMENTAL GLASS, of all descriptions; COLOURED GLASS; ROUGH PLATE GLASS, [illegible] and [illegible] inch thick; PATENT ROLLED ROUGH PLATE, [illegible] and [illegible] inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, cut to size and glazed, or in crates as manufactured; BELGIAN SHEET GLASS, in cases containing [illegible] feet each, case included, at [illegible] per case.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Crown and Sheet, of every description. ROUGH PLATE GLASS from [illegible] inch thick. Glass Painters' Slates, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c. Milled and Sheet Lead, Lead Pipe from [illegible] inch to [illegible] inches bore. Water Closets, Basins, Plumbers' and Brass Work of every description, and upon the lowest terms. Glass Shades [illegible]. Glass cutting and fine Glasses.—Address, [illegible] Without.

See Advertisement, Saturday, [illegible]

GLASS WATER PIPES.—Messrs. COATHUPE and Co., Crown and Sheet Glass Manufacturers, Nailsea, near Bristol, beg to inform Engineers and others that they are now making Glass Pipes, with their joints, from [illegible] inches bore, capable of sustaining very great atmospheric pressure, in lengths from [illegible] to [illegible] feet, the lengths being less as the diameters increase. These pipes may be seen at the Exhibition, with their various forms and modes of jointing, in Sec. [illegible], Class [illegible], and references can be given of their great utility in numerous localities where they have been successfully employed. The great advantages of glass pipes for the conveyance of pure water over all metallic substances, has been too largely dwelt upon by medical and scientific authorities to require any further comment.

THE ROYAL PATENT DECORATIVE GLASS WORKS, [illegible], Castle-street, Southwark [illegible].—The trade and the public can now be supplied [illegible] with the Patent Vitrified Ornamental Glass in every variety of pattern, plain or in colours, including the new and much admired Illusive Lace Curtain, suitable for all, from the palace or cathedral to the humble cottage, at the reduced prices, from [illegible] per foot. Tariffs may be had and specimens seen on application at the works. Vide the public journals.

[illegible] August. T. CARPENTER, Manager.

GLASS MARBLE COMPANY.—WALLACE PATENT.—The Trade is respectfully informed that [illegible] for the [illegible] of this beautiful ARTICLE, as a substitute for marble, MAY BE OBTAINED at a moderate premium.

Its applicability as a surface for the walls of halls, staircases, rooms, ceilings, mantel-pieces, [illegible] other places of beauty and [illegible] other applications, both internal and external work, is [illegible] demonstrated to the [illegible] both at the Great Exhibition and elsewhere, [illegible]. Its beauty can be made to surpass the most exquisite marbles, at a twentieth of their expense, and it possesses at the same time a far greater durability. [illegible]

[illegible] MANAGER, at the Office, [illegible] St. John-street, Tottenham-court-road.

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